

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

WILEY, et al.

Atty. Docket No. 025651-00002

Serial No.: NEW

Examiner: Unknown

Filed: NEW

Art Unit: Unknown

For: LEAD FREE, COMPOSITE POLYMER BASED BULLET AND CARTRIDGE CASE, AND METHOD OF MANUFACTURING

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. PTO
P.O. Box 1450
Alexandria, VA 22313-1450

Date: October 29, 2003

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, OR (c) accompanies a Request for Continued Examination. No certification or fee is required.
- 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
 - a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
 - b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

- c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

Respectfully submitted,



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| FORM PTO-1449 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 025651-00002 | SERIAL NO. NEW |
| LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | | APPLICANT WILEY, et al. | | | |
| | | FILING DATE October 29, 2003 | | GROUP Unknown | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|----|--------------|----------------|--------------|-------|-----------|-----------------|
| | AA | 5,616,642 | April 1, 1997 | WEST, et al. | | | April 14, 1995 |
| | AB | 6,048,379 | April 11, 2000 | BRAY, et al. | | | June 27, 1997 |
| | AC | 6,257,149 B1 | July 10, 2001 | CESARONI | | | October 5, 1998 |

FOREIGN PATENT DOCUMENTS

| | AD | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO PART. |
|--|----|--------------|------------------|---------|-------|-----------|-----------------------------|
| | AE | WO 88/09476 | December 1, 1988 | WIPO | | | X |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | AF | "Green Army bullets to get the lead out" Andrea Stone; USA Today |
| | AG | Environmental Update; Update Index/News Room/ PAO Fall 1999 Army Produces Green Bullets |
| | AH | U.S. Military "Green Bullet" A Technical Report Association of Firearm and Tool Mark Examiners Journal, Volume 31 Number 4, Fall 1999. Don Mikko |
| | AI | http://plastics.about.com/library/glossary , Subject: Nylon, 3 pages |
| | AJ | http://plastics.about.com/library/glossary , Subject: Nylon Fiber, 3 pages |
| | AK | http://plastics.about.com/library/glossary , Subject: Polyhexamethylene-Adipamide, 3 pages |
| | AL | A.L. Hyde Company, Nylon, 1 page |
| | AM | http://www.export911.com/ref , General References, Registered Brand Names of Plastics, 4 pages |
| | AN | http://www.export911.com/ref , General References, Registered Brand Names of Plastics, 4 pages |
| | AO | Terminology, BISFA 2000, 1.3 Generic classification of synthetic fibres |

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| EXAMINER | DATE CONSIDERED |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | |